



# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Michael Kellogg Pyxis Regulatory Consulting, Inc. for Alligare, LLC 4110 136<sup>th</sup> St., NW Gig Harbor, WA 98332

MAY 29 2014

Dear Mr. Kellogg:

SUBJECT:

Label Amendment - Delete use on Drainage Ditches

Alligare Prodiamine 65 WG Herbicide

EPA Registration No. 81927-36

Your Submission Dated October 29, 2013

Decision # 484709

The label amendment referred to above, submitted in accordance with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Please submit one (1) copy of your final printed labeling before you release the product for shipment. This amended labeling supersedes all previously accepted ones. If you have any questions regarding this letter, please contact Dianne Morgan at (703) 305-6217.

Sincerely yours,

Kathryn V. Montague Product Manager (23)

Herbicide Branch

Registration Division (7505P)

Enclosure

# Alligare Prodiamine 65 WG Herbicide

For preemergence control of grass and broadleaf weeds in:

- established turfgrasses (excluding golf course putting greens), lawns and sod nurseries
- container, field-grown, and landscape ornamentals
- · conifer and hardwood seedling nurseries
- · established perennials and wildflower plantings
- non crop areas including managed rights-of-way for transportation systems and utilities (including roadways, roadsides, railways, and equipment yards)
- · facilities including substations, tank farms, pumping stations, parking and storage areas, and ungrazed fence rows
- Christmas tree farms

ACTIVE INGREDIENT:	% BY WT.
Prodiamine (CAS No. 29091-21-2)	65.0%
OTHER INGREDIENTS:	35.0%
TOTAL:	100.0%

# KEEP OUT OF REACH OF CHILDREN CAUTION

	FIRST AID
If in eyes:	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin or	Take off contaminated clothing.
clothing:	Rinse skin immediately with plenty of water for 15-20 minutes.
	Call a poison control center or doctor for treatment advice.
If inhaled:	Move person to fresh air.
	• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
	Call a poison control center or doctor for further treatment advice.
If swallowed:	Call a poison control center or doctor immediately for treatment advice.
	Have person sip a glass of water if able to swallow.
	Do not induce vomiting unless told to do so by the poison control center or doctor.
	Do not give anything by mouth to an unconscious person.
	HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### **NET WEIGHT:**

EPA Reg. No. 81927-36 EPA Est. No. ACCEPTED

MAY 29 2014

Under the Pederal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the posticide
registered under
EPA Reg. No. 81327-36

Manufactured for: Alligare, LLC 13 N. 8<sup>th</sup> Street Opelika, AL 36801

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### WPS USES:

Applicators and other handlers (other than mixers and loaders) who handle this pesticide for any use covered by the Worker Protection Standard (40 CFR Part 170) - in general, agricultural-plant uses are covered - must wear:

- · Long-sleeved shirt and long pants
- Chemical resistant gloves, such as butyl rubber ≥14 mils, or neoprene rubber ≥ 14 mils, or nitrile rubber ≥14 mils (See instructions for Category A on the EPA chemical resistance category selection chart if you want other options..)
- · Shoes plus socks

#### Mixers and loaders must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves, such as butyl rubber ≥14 mils, or neoprene rubber ≥ 14 mils or nitrile rubber ≥14 mils (See instructions for Category A on the EPA chemical resistance category selection chart if you want other options.)
- Shoes plus socks

#### **NON-WPS USES:**

Mixers and loaders who handle this product for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) - in general, only agricultural-plant uses are covered by the WPS - must wear:

• Chemical resistant gloves, such as butyl rubber ≥14 mils, or neoprene rubber ≥ 14 mils or nitrile rubber ≥14 mils (See instructions for Category A on the EPA chemical resistance category selection chart if you want other options.)

Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENGINEERING CONTROLS STATEMENTS:** When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

#### USER SAFETY RECOMMENDATIONS

#### Users should:

- •-- Wash-hands-before-eating, drinking, chewing gum, using tobacco, or using the toilet.
- · Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- After handling this product, immediately wash the outside of gloves before removing them, then remove gloves and all other PPE. Immediately wash thoroughly and change into clean clothing.

#### **ENVIRONMENTAL HAZARDS**

This product has low solubility in water. At the limit of solubility, this product is not toxic to fish. However, at concentrations substantially above the level of water solubility, it may be toxic to fish. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment wash water.

#### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

# AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: If this product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- · Shoes plus socks

4/25

#### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides, 40 CFR Part 170. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

#### **USE INFORMATION**

#### WHERE TO USE

Alligare Prodiamine 65 WG Herbicide is a preemergence herbicide that provides residual control of many grass and broadleaf weeds in:

- Established turfgrass (excluding golf course putting greens), lawns, and sod nurseries
- · Container, field-grown, and landscape ornamentals
- · Conifer and hardwood seedling nurseries
- · Established perennial and wildflower plantings
- Non-crop areas including managed rights-of-way for transportation systems and utilities (including roadways, roadsides, railways, and equipment yards)
- Facilities including substations, tank farms, pumping stations, parking and storage areas, and ungrazed fence rows
- · Christmas tree farms

# HOW ALLIGARE PRODIAMINE 65 WG HERBICIDE WORKS

Alligare Prodiamine 65 WG Herbicide controls susceptible weeds by preventing growth and development of newly germinated weed seeds. Weed control is most effective when Alligare Prodiamine 65 WG Herbicide is activated by at least 0.5 inch of rainfall or irrigation or shallow incorporation (1 to 2 inches) before weed seeds germinate and within 14 days following application.

#### RESTRICTIONS

- Do not graze or feed livestock forage cut from areas treated with Alligare Prodiamine 65 WG Herbicide.
- -- Do-not-apply-Alligare Prodiamine 65-WG-Herbicide to plants that will be consumed for food use.
- Follow all applicable directions, restrictions, and precautions on the labels of EPA-registered tank mix partners.
- Do not blend Alligare Prodiamine 65 WG Herbicide onto dry fertilizer or any other granular material.
- Chemigation Statement: Do not apply this product through any type of irrigation system unless instructed otherwise in this label.
- Do not apply aerially.
- Do not apply to golf course putting greens.

## **NEW PLANTINGS, REPLANTING, AND ROTATIONAL PLANTINGS**

Nursery, landscape, or non-crop land areas treated with Alligare Prodiamine 65 WG Herbicide should be rotated only to ornamental species listed on this label for 1 year following application unless the following test has shown species safety: Before planting a species not listed on this label, it is recommended that several test strips of an indicator plant such as wheat, sorghum, or corn be sown into the treated area. If the indicator plants germinate and grow normally to a height of 12 inches with normal root development, it is safe to plant.

In areas disturbed by new plantings or replanting of labeled species, it may be necessary to retreat exposed soil to maintain satisfactory weed control.

When an adjuvant is to be used with this product, Alligare, LLC suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

#### MIXING AND APPLICATION PROCEDURES

#### MIXING

Alligare Prodiamine 65 WG Herbicide must be mixed thoroughly in the spray tank to ensure uniform application. Follow these steps:

- 1. Fill the spray tank 1/4 full with clean water or fluid fertilizer only.
- 2. Start agitation and check to ensure it is working properly.
- 3. Add Alligare Prodiamine 65 WG Herbicide directly into the tank.
- 4. Add the rest of the carrier to obtain the final spray volume.
- 5. A spray colorant may be used with Alligare Prodiamine 65 WG Herbicide to mark areas as they are treated. This will improve application accuracy by minimizing swath skips and overlaps.
- 6. Maintain vigorous agitation in the spray tank before and during the application. This will ensure a well mixed spray suspension.
- 7. Do not allow spray suspension to dry in the tank. Thoroughly clean the sprayer after use by flushing the system with water containing a detergent. Refer to the Pesticide Disposal section of this label for waste disposal.

#### TANK MIXING ALLIGARE PRODIAMINE 65 WG HERBICIDE

Alligare Prodiamine 65 WG Herbicide may be tank mixed with certain other EPA-registered herbicides to provide a broader

spectrum of weed control or to control emerged weeds. Refer to the specific directions for use for tank mix partners and consult the label(s) of the individual tank mix partner(s) for use rate, application timing, weeds controlled, and specific precautions and/or restrictions. Tank mixes are permitted only in states where the tank mix partner(s) are registered for the application site and the turf and ornamental species listed. When using Alligare Prodiamine 65 WG Herbicide in a tank mixture with other pesticides, observe the most restrictive label limitations and precautions on the labels of the products used.

Before tank mixing with other pesticides not named on this label, compatibility must be tested. See the **COMPATIBILITY TEST** section below.

# **COMPATIBILITY TEST**

Before mixing Alligare Prodiamine 65 WG Herbicide with other pesticides in the spray tank, test the compatibility by mixing all components (carrier and pesticide products) in a small container in proportionate quantities. For example, a 1 qt. jar would be 1/100 the volume of a 25 gal./acre spray rate. At 1 lb./acre, the Alligare Prodiamine 65 WG Herbicide rate would be proportional to 4.5 g per quart. Add approximately 1.5 teaspoons to a qt. of water. Calculate amounts for other products based on rate per acre. An approximate volume would be 1.5 teaspoons for each lb./acre of a dry formulation and 0.5 teaspoons for each pt./acre of a liquid formulation. (See following table).

AMOUNT OF COMPONENT TO ADD TO ONE QUART JAR OF SPRAY CARRIER
(Assuming Carrier Volume of 25 gals./Acre)

COMPONENTS FORMULATIONS	RATE PER ACRE	RATE PER 1,000 SQ. FT.	LEVEL TEASPOONS
Alligare Prodiamine 65 WG Herbicide	1.0 lb.	0.4 oz.	1.5
Dry Tank Mix Partners	1.0 lb.	0.4 oz.	1.5
Liquid Tank Mix Partners	1.0 pt.	0.4 oz.	0.5

If components do not ball up or form flakes, sludge, gels, oily films, or layers, then the mixture is compatible. Incompatibility will usually occur within 5 minutes after mixing. If the components are not compatible, a compatibility agent must be added to the tank mixture. Rerun the test to determine if the mixture is suitable after addition of the compatibility agent. If components are still not compatible, do not tank mix.

#### MIXING ORDER FOR TANK MIXTURES

Notes:-1.-When mixing Alligare Prodiamine 65 WG Herbicide with other components (carrier and partner pesticide products), allow products to completely dissolve between steps. This is key when tank mixing with ester formulations. 2. Maintain agitation throughout mixing and application of the mixture.

Add the products to the spray tank in the following order.

- 1. Add products packaged in water-soluble bags first. Agitate the tank mixture. Allow the water-soluble bags to completely dissolve and the product to disperse before adding any other tank mix partner.
- Then add water-dispersible granules (WDG or WG formulations) and wettable powders (WP formulations). Add wettable powders to the tank as agitation continues. Allow the product to disperse completely before other products are added.
- 3. Add spray adjuvants and spray markers. Read the adjuvant's label first and use only those adjuvants approved for application to turf and ornamentals.
- 4. Add flowable liquids (FL) or suspension concentrates (SC).
- 5. Add emulsifiable concentrates (EC) last.

#### APPLICATION

Apply Alligare Prodiamine 65 WG Herbicide in a minimum of 20 gals./acre (0.5 gal./1,000 sq. ft.) of carrier (water and/or fluid fertilizer) using a calibrated, low-pressure sprayer with 50 mesh or coarser screens. A broadcast boom or handheld wand designed for herbicide or insecticide application will provide the best results. Select nozzle pressure and gallonage to provide complete coverage.

## SPECIAL USE DIRECTIONS

## **ESTABLISHED TURF**

Alligare Prodiamine 65 WG Herbicide is a preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turfgrasses including:

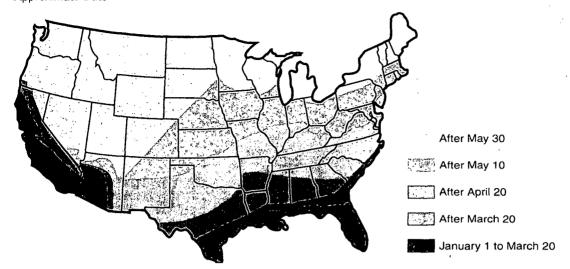
- golf courses excluding putting greens
- lawns
- sod nurseries

The maximum amount of Alligare Prodiamine 65 WG Herbicide that may be applied per year is given for each turfgrass species in the Annual Use Rates-Turfgrass section of this label.

For optimum weed control, Alligare Prodiamine 65 WG Herbicide should be activated by at least 0.5 inch of rainfall or irrigation before weed seeds germinate and within 14 days following application. See the map below for approximate crabgrass seed germination dates.

#### **CRABGRASS SEED GERMINATION DATES**

Approximate Date



#### **Use Precautions-Turfgrass**

- Do not apply Alligare Prodiamine 65 WG Herbicide to areas where dichondra, colonial bentgrass, velvet bentgrass, or annual bluegrass (Poa annua) are desirable species.
- Do not harvest treated sod within 90 days of application. To avoid turfgrass injury, do not apply to newly set sod until the sod has rooted and exposed edges have filled in.
- To avoid turfgrass injury, do not apply Alligare Prodiamine 65 WG Herbicide to turf stressed by conditions such as drought, low fertility, or pest damage.
- 4. Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control.
- 5. Do not apply Alligare Prodiamine 65 WG Herbicide to golf course putting greens.
- 6. If the depth of the creeping bentgrass root system becomes shallow and root tips contact prodiamine-treated soil, new root formation may be inhibited. Mowing height can affect the depth of a plant's root system. To avoid this, do not apply Alligare Prodiamine 65 WG Herbicide to creeping bentgrass less than 0.5 inch in height.

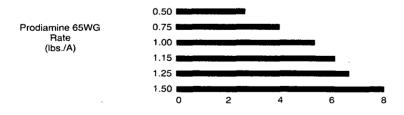
#### **Application Timing and Rate-Turfgrass**

Alligare Prodiamine 65 WG Herbicide may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications should be made before target weeds germinate. Alligare Prodiamine 65 WG Herbicide will not control weeds that have already emerged.

The amount of Alligare Prodiamine 65 WG Herbicide to apply is based upon:

- 1. the length of weed control desired (the higher the application rate, the longer the control) (see Figure 1);
- 2. the turf species; and
- 3. the maximum amount which can be applied to the turf species per calendar year (see Table 1).

Figure 1: Length of Crabgrass Control



<sup>\*</sup>Length of control varies by region. This table is an average for planning purposes.

#### **Annual Use Rates-Turfgrass**

Alligare Prodiamine 65 WG Herbicide can be applied to the turfgrass species listed in the following table. Do not apply more than the highest rate listed for each species in a calendar year.

#### **TABLE 1: MAXIMUM APPLICATION RATE**

Alligare Prodiamine 65 WG Herbicide Per Calendar Year by Turfgrass Species<sup>1</sup>

Alligare Prodiamine 65 WG He	<del></del>	
TURF SPECIES	LBS. OF PRODUCT/ACRE	OZ. OF PRODUCT/1,000 SQ. FT.
Bermudagrass <sup>2</sup> Bahiagrass Centipedegrass Kikuyugrass Seashore Paspalum St. Augustinegrass <sup>3</sup> Tall Fescue (including turf-type) Zoysiagrass	1.0 - 2.30 <sup>1</sup>	0.36 - 0.83
Buffalograss Kentucky Bluegrass Perennial Ryegrass	0.5 - 1.50 <sup>1</sup>	0.185 - 0.55
Fine Fescue	0.5 - 1.15 <sup>1</sup>	0.185 - 0.42
Creeping Bentgrass (0.5 inches or more in height) <sup>4</sup>	0.5 - 1.00 <sup>1</sup>	0.185 - 0.37

Alligare Prodiamine 65 WG Herbicide may be applied more than once a year as long as the total amount applied is not greater than the maximum application rate per calendar year for the turf species. All applications must be made before weed seeds germinate.

# Weeds Controlled (Turf, Ornamentals)

When used as directed in this label. Alligare Prodiamine 65 WG Herbicide will control the following weeds:

when used as directed in this label,	Alligare Prodiamine 65 VVG herbicide wi	ii control the following weeds.
Barnyardgrass	<ul> <li>Henbit<sup>2</sup></li> </ul>	<ul> <li>Purslane, Common</li> </ul>
<ul> <li>Bluegrass, Annual (Poa annua)<sup>1</sup></li> </ul>	<ul> <li>Itchgrass</li> </ul>	<ul> <li>Pusley, Florida</li> </ul>
<ul> <li>Carpetweed</li> </ul>	<ul> <li>Johnsongrass (from seed)</li> </ul>	<ul> <li>Rescuegrass<sup>4</sup></li> </ul>
<ul> <li>Chickweed, Common<sup>2</sup></li> </ul>	<ul> <li>Junglerice</li> </ul>	<ul> <li>Shepherdspurse<sup>2</sup></li> </ul>
<ul> <li>Chickweed, Mouseear (from seed)</li> </ul>	<ul> <li>Knotweed<sup>2</sup></li> </ul>	<ul> <li>Signalgrass, Broadleaf</li> </ul>
<ul> <li>Crabgrass (Large, Smooth)<sup>3</sup></li> </ul>	<ul> <li>Kochia</li> </ul>	<ul> <li>Speedwell, Persian</li> </ul>
<ul> <li>Crowfootgrass</li> </ul>	<ul> <li>Lambsquarters, Common</li> </ul>	<ul> <li>Sprangletop</li> </ul>
<ul> <li>Cupgrass, Woolly</li> </ul>	<ul> <li>Lovegrass</li> </ul>	<ul> <li>Spurge, Prostrate</li> </ul>
<ul> <li>Foxtails, Annual</li> </ul>	<ul> <li>Panicum (Texas, Fall, Browntop)</li> </ul>	<ul> <li>Witchgrass</li> </ul>
Goosegrass <sup>5</sup>	<ul> <li>Pigweed</li> </ul>	<ul> <li>Woodsorrel, Yellow (from se</li> </ul>

<sup>&</sup>lt;sup>1</sup> In areas where *Poa annua* is a winter annual, apply Alligare Prodiamine 65 WG Herbicide (see Table 1) in August or September to established, non-overseeded turf before *Poa annua* seeds germinate. These timings are approximate. Consult State Extension Service for more specific timing for your area. Also see the section of this label "*Poa Annua* Control in Established Bermudagrass Overseeded with Perennial Ryegrass".

#### WHEN TO APPLY ALLIGARE PRODIAMINE 65 WG HERBICIDE AFTER OVERSEEDING TURF

Injury to desirable seedlings is likely if Alligare Prodiamine 65 WG Herbicide is applied before the secondary roots of seedlings are in the second inch of soil (not thatch plus soil). To reduce the potential to injure overseeded turf, wait 60 days after seeding or until after the second mowing, whichever is longer, before applying Alligare Prodiamine 65 WG Herbicide.

When to Overseed After Application (All States)\*-Alligare Prodiamine 65 WG Herbicide will inhibit the development of turfgrass species overseeded too soon after application. Follow rates and intervals in the table below for best overseeding / reseeding results.

\*Note: See exceptions for "Poa annua control in Established Bermudagrass Overseeded with Perennial Ryegrass" below.

AMOUNT OF ALLIGARE PRODIAMINE 65 WG HERBICIDE	INTERVAL (MONTHS) BEFORE OVERSEEDING*		
Lbs. of Product/Acre	North Transition South		South
0.75	4 4 4		4

May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 0.80 lb./A (0.30 oz./1,000 sq. ft.). Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded.

Use an initial rate of 0.75-1.5 lbs. / acre (0.28-0.55 oz./1000 sq. ft.) per application.

<sup>&</sup>lt;sup>4</sup> To avoid grass injury, do not apply Alligare Prodiamine 65 WG Herbicide to creeping bentgrass mowed at less than 0.5 inch in height.

<sup>&</sup>lt;sup>2</sup> To control this weed, apply Álligare Prodiamine 65 WG Herbicide in late summer, fall, or winter before weed seeds germinate.

<sup>3</sup> Fall Applications for Spring Crabgrass Control in Cool-Season Grasses: In those areas where the ground freezes in the winter, Alligare Prodiamine 65 WG Herbicide can be applied in the fall at rates of 1.0-1.15 lbs./acre after the soil temperature falls below 50°F but before the ground freezes. This application will control crabgrass the following spring.

<sup>4</sup> Suppression only.

<sup>&</sup>lt;sup>5</sup> In many areas, a single application of 1.0-2.3 lbs./acre of Alligare Prodiamine 65 WG Herbicide will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, the most effective control may be maintained by making a "split application" (i.e. two applications) that does not exceed the maximum application rate per calendar year for the turfgrass species.

AMOUNT OF ALLIGARE PRODIAMINE 65 WG HERBICIDE	INTERVAL (MONTHS) BEFORE OVERSEEDING*		EEDING*
Lbs. of Product/Acre	North	Transition	South
1.00	5	4	4
1.15	6	_ 5	5
1.25	•	6	6
1.50	_	7	7
1.75		-	9
2.00	-	-	10
2.30		-	12

Poa annua control in Established Bermudagrass Overseeded with Perennial Ryegrass (Arizona, California, Nevada, and Texas only)

Use on golf courses (excluding golf course putting greens), lawns, and sod nurseries when overseeding with perennial ryegrass (minimum seeding rate of 350 lbs./A).

	HOW MUCH AND WHEN TO APPLY			
AMOUNT TO APPLY	WHEN TO APPLY	EXPECTED CONTROL	USE PRECAUTIONS	
0.58-1.0 lb./acre	6 to 8 weeks <i>before</i> ryegrass overseeding	1 application for 70% or greater control of <i>Poa</i>	Some seedling mortality and temporary reduction in root growth of new seedlings may occur.  To reduce the potential for seedling mortality, maintain a moist	
	Second Application: 4 to 8 weeks after overseeding or when perennial ryegrass roots are in the second inch of soil	annua Second application may enhance control.	seedbed with light, frequent irrigation.  Make no more than 2 applications per year for this use, and do not exceed a total of 1.3 lbs./acre per year.  Do not make a second application if any injury to the ryegrass is observed after the first application.  Do not make a second application unless the product was first applied before overseeding.	

Poa annua control in Perennial Ryegrass Overseedings (Alabama, Louisiana, Georgia, Mississippi, North Carolina, South Carolina, and Tennessee Only)

Use this product on golf courses (excluding golf course putting greens) when overseeding with perennial ryegrass only (minimum seeding rate of 350 lbs./A).

## HOW MUCH AND WHEN TO APPLY

AMOUNT TO APPLY	WHEN TO APPLY	EXPECTED CONTROL	USE PRECAUTIONS
0.58 - 1.0 lb./acre	8 to 10 weeks <i>before</i> ryegrass overseeding .	70% or greater	Some seedling mortality and temporary reduction in root growth of new seedlings may occur.  To reduce the potential for seedling mortality maintain a moist seedbed with light, frequent irrigation.  To maximize seedling establishment, use lower rate and/or the maximum time interval before overseeding. To maximize Poa annua control, use higher rate and shorter time interval before overseeding.

#### CONTAINER, FIELD GROWN, AND LANDSCAPE ORNAMENTALS (INCLUDING CHRISTMAS TREE FARMS)

#### **Application Timing and Information**

Alligare Prodiamine 65 WG Herbicide:

- 1. Will not control emerged weeds.
- 2. May be applied to newly-transplanted and established ornamentals as broadcast or over-the-top spray.
- 3. Is most effective when applied to soil free of clods, weeds, and debris such as leaves and mulch.
- 4. Is most effective when the product is activated in the soil before weed seeds germinate and within 14 days after application.
- 5. Is activated when the treated area receives at least 0.5 inch of irrigation or rainfall, or shallow (1 to 2 inches) mechanical incorporation.

## **Use Precautions**

To reduce injury potential:

- 1. In the spring when buds are rapidly growing and expanding, over-the-top application of Alligare Prodiamine 65 WG Herbicide may temporarily injure new growth of desirable plants. To reduce the possibility of injury at this time, wait to apply Alligare Prodiamine 65 WG Herbicide over the top of newly emerged vegetation until it has hardened off unless experience indicates that the ornamental plant will not be injured by the over-the-top application.
- 2. After application (immediately for deciduous plants) apply overhead irrigation to wash Alligare Prodiamine 65 WG Herbicide from plant surfaces onto soil (watering plants before application may improve the washing process).

**Application Sites and Instructions** 

SITE	APPLICATION INSTRUCTIONS
Newly-Transplanted Container or Field Nursery Stock	Delay application until soil has settled around transplants. Water transplants thoroughly before application. Apply after cuttings form roots and are established. To avoid inhibition of the tissue union, apply before budding/grafting or after buds/grafts have taken.
Established Container, Field Nursery Stock, or Landscape Plants	Apply at any time as a broadcast, over-the-top, or directed spray.
Landscape (or Ornamental) Plantings	Apply as a broadcast, over-the-top, or directed spray.  Delay application to newly-transplanted ornamentals until soil has settled around transplants.
Bare Ground Application for Container Placement	Apply to soil (including mulch, gravel, wood chips, or other permeable base) upon which containerized ornamentals are placed.  After Alligare Prodiamine 65 WG Herbicide is applied, perform shallow cultivation or hand weeding only, to avoid disturbing the herbicide barrier.
In Shadehouses and Uncovered Polyhouses	After Alligare Prodiamine 65 WG Herbicide is applied, uncovered polyhouses must remain open for at least 7 days and ornamentals must receive 2 irrigations totaling at least ½ inch of water.
Ornamental Bulbs and Perennial Wildflower Plantings	Alligare Prodiamine 65 WG Herbicide may be applied to bulbs or perennial wildflower species listed in the section "Tolerant Ornamental Species."  Apply before or after bulbs emerge but before bulbs bloom and weeds emerge. In wildflowers, a postemergence herbicide labeled for wildflowers may be needed to control weeds that have already emerged.

HOW MUCH AND WHEN TO APPLY-(Container, Field Grown, and Landscape Ornamentals)

AMOUNT TO APPLY (BROADCAST)*	WHEN TO APPLY	COMMENTS/INSTRUCTIONS
1.0 - 2.3 lbs./acre	In the fall or spring before weeds germinate	Use the higher rate for longer control.
or	or after weeds are removed	Alligare Prodiamine 65 WG Herbicide may be applied more than
- 0.370.83-oz./1,000 sq. ft		once per year as long as the total amount of product applied
		does not exceed 2.3 lbs./acre per year

\*Note: For band application calculate amount per acre: Х

Band width in inches Row width in inches

broadcast rate

amount to apply per acre of field

EQUIVALENT MEASUREMENTS For Alligare Prodiamine 65 WG Herbicide

lbs./acre	oz./1,000 sq. ft.	Approximate Equivalent – Tablespoons/1,000 sq. ft.
1.0	0.37	1
1.5	0.55	1.5
2.0	0.74	2
2,3	0.83	2.25

#### Tank Mixtures for Use on Container, Field Grown, and Landscape Ornamentals

Alligare Prodiamine 65 WG Herbicide may be tank mixed with other registered herbicides listed on this label to provide a broader spectrum of weed control or to control emerged weeds. Tank mixes with Alligare Prodiamine 65 WG Herbicide are for use only in states where the tank mix partner(s), application site, and intended use pattern are registered.

Follow the label(s) of the tank mix partner(s) for application rates, timing, weeds controlled, tolerant ornamentals, and specific use precautions and/or restrictions. Before mixing pesticides in the spray tank, test compatibility by mixing the products in a small container first. See the COMPATIBILITY TEST section of this label.

Tank Mix Partners For Alligare Prodiamine 65 WG Herbicide on Ornamentals

PRODUCT	PRECAUTIONS/INSTRUCTIONS
Goal® or Galigan® (use on conifers only)	Mix with Alligare Prodiamine 65 WG Herbicide for postemergence control of certain broadleaf weeds including malva and filaree.
Gallery®, Princep®, Pennant®	See product labels for weed spectrum and tolerant ornamentals.
Touchdown Pro (or other glyphosate-based products), Reward and Finale	These nonselective tank mix herbicides control most emerged annual broadleaves and grasses.  Take extreme care to prevent tank mixtures with these products from contacting the foliage and stems of turfgrass, trees, shrubs, or other desirable vegetation because desirable vegetation may be severely injured or killed. Apply these tank mixtures as a directed spray and use a shield to prevent spray from contacting foliage of desirable plants.  Following instructions on the tank mix partner's label, delay irrigation of the treated area to allow time for the herbicide to be absorbed by weed foliage.

Tolerant Ornamental Species- Container, Field Grown, and Landscape Ornamentals

Alligare Prodiamine 65 WG Herbicide will not harm most trees, shrubs, vines, and flowers. The species listed below in Table 2 are tolerant to Alligare Prodiamine 65 WG Herbicide. Alligare Prodiamine 65 WG Herbicide is approved for application, except in CA, to the species in Table 3. Alligare Prodiamine 65 WG Herbicide may be applied over-the-top of the listed species.

When plants are under stress (such as heat, drought, or frost damage), some cultivars of listed plants may be sensitive to Alligare Prodiamine 65 WG Herbicide.

TABLE 2-Tolerant Ornamental Species
Container, Field Grown, and Landscape (All States)

COMMON NAME	wn, and Landscape (All States)  SCIENTIFIC NAME
Fir species** (Balsam, Fraser, Noble, etc.)	Abies spp.
Japanese Maple	Acer palmatum
Norway Maple***	Acer platanoides
Kiwi*	Actinidia chinensis
Lily-of-the-Nile (African Lily)	Agapanthus africanus
Vine Hill Manzanita	Arctostaphylos densiflora
Cape Weed	Arctotheca calendula
Japanese Aucuba	Aucuba japonica
Barberry	Berberis gladwynensis
Wintergreen Barberry	Berberis julianae
Mentor Barberry	Berberis mentorensis
Japanese Barberry	Berberis thunbergii
Warty Barberry	Berberis verruculosa
Japanese Boxwood	Buxus microphylla
Weeping Bottlebrush	Callistemon viminalis
Scotch Heather	Calluna vulgaris
Hottentot Fig (Ice Plant)	Carpobrotus edulis
Feathery Cassia	Cassia artemisoides
Wild Lilac	Ceanothus rigidus '
False Cypress	Chamaecyparis pisifera .
Cleyera	Cleyera japonica
Citrus species*	Citrus spp.*
Flowering Dogwood	Cornus florida
American Dogwood	Cornus stolonifera
Pampas Grass	Cortaderia selloana
Cranberry Cotoneaster	Cotoneaster apiculatus
Cotoneaster	Cotoneaster buxifolius
Bearberry Cotoneaster	Cotoneaster dammeri
Rockspray Cotoneaster	Cotoneaster microphyllus
Hawthorne	Crataegus spp.
Italian Cypress	Cupressus sempervirens
White Trailing Ice Plant	Delosperma alba
Hop Bush	Dodonea viscosa
Silverberry	Elaeagnus pungens
Wintercreeper	Euonymus fortunei
Japanese Spindle Tree (Evergreen Euonymus)	Euonymus japonica
Spreading Euonymus	Euonymus kiautschovica
Japanese Aralia	Fatsia japonica
Border Forsythia	Forsythia intermedia

COMMON NAME	SCIENTIFIC NAME
Greenstem Forsythia	Forsythia viridissima
Gardenia, Cape-Jasmine	Gardenia jasminoides
Gladiolus species**	Gladiolus spp.
English Ivy	Hedera helix
Rose of Sharon**	Hibiscus
Chinese Hibiscus**	Hibiscus Rosa-sinensis
Chinese Holly**	Ilex cornuta
Japanese Holly	Ilex crenata
American Holly	Ilex opaca
Holly	llex pernyi
Yaupon Holly	Ilex vomitoria
Iris species**	Iris spp.
Winter Jasmine	Jasminium nudiflorum
Chinese Juniper	Juniperus chinensis
Shore Juniper	Juniperus conferta
Creeping Juniper	Juniperus horizontalis
Walnut*	Juglans spp.
Shrimp Plant	Justicia brandegeana
Crape Myrtle	Lagerstromia indica
Amur Privet	Ligustrum amurense
Japanese Privet	Ligustrum japonicum
Glossy Privet (wax-leaf)	Ligustrum lucidum
Big Blue Lillyturf	Liriope muscari
Japanese Honeysuckle	Lonicera japonica
Tatarian Honeysuckle	Lonicera tatarica
Magnolia species**	Magnolia spp.
Ice Plant	Maleophora luteola
Crabapple*	Malus spp.
Heavenly Bamboo	Nandina domestica
Narcissus species**	Narcissus spp.
Oleander	Nerium spp.
Olive*	Olea europaea
Mondo Grass**	Ophiopogon japonicus
Trailing African Daisy	Osteospermum fruticosum
Sourwood	Oxydendrum arboreum
Avocado*	Persea americana
Frasier's Photinia (Redtip)	Photinia fraseri
Spruce species** (Colorado Blue, Norway, etc.)	Picea spp.
Lily-of-the Valley Shrub	Pieris japonica
Calabrian Pine	Pinus brutia
Canary Island Pine	Pinus canariensis
Slash Pine	Pinus elliottii
Aleppo Pine	Pinus halepensis

COMMON NAME	SCIENTIFIC NAME	
Austrian Black Pine	Pinus nigra	
Longleaf Pine	Pinus palustrus	
Monterey Pine	Pinus radiata	
Eastern White Pine	Pinus strobus	
Scotch Pine	Pinus sylvestris	
Loblolly Pine	Pinus taeda	
Japanese Black Pine	Pinus thunbergiana	
Virginia Pine	Pinus virginiana	
Pistachio*	Pistacia spp.	
Queensland Pittosporum	Pittosporum rhombifolium	
Japanese Pittosporum	Pittosporum tobira	
Japanese Yew	Podocarpus macrophyllus	
English Laurel	Prunus laurocerasus	
Almond, Apricot, Nectarine, Peach, Plum, and Prune*	Prunus spp.	
Douglas Fir***	Pseudotsuga menziesii	
Firethorn, Scarlet	Pyracantha coccinea	
Firethorn, Chinese	Pyracantha fortuneana	
Firethorn, Formosa	Pyracantha koidzumii	
Bradford Pear spp.	Pyrus spp.	
Oak species	Quercus rubra	
Indian Hawthorne	Raphiolepsis indica	
'Coral Bells'	Rhododendron (including Azalea)	
'Formosa'		
'Hino-crimson'		
'PJM'		
'Roseum Elegans'		
Lady Bank's Rose	Rosa banksiae	
Rosemary*	Rosmarinus officinalis	
Leatherleaf Fern	Rumohra adiantiformis	
	Santolina virens	
Stonecrop	Sedum album	
Japanese Boxcherry	Syzygium paniculatum	
Japanese Yew	Taxus cuspidata	
Yew	Taxus media	
American Arborvitae	Thuja occidentalis	
Star Jasmine	Trachelospermum asiatum	
Canada Hemlock	Tsuga canadensis	
Tulip species	Tulipa spp.	
Japanese Viburnum	Viburnum japonicum	
Sweet Viburnum	Viburnum odoratissimum	
Japanese Snowball	Viburnum plicatum	
Canary Island Viburnum	Viburnum rigidum	
Laurustinus		

COMMON NAME	SCIENTIFIC NAME	
Cranberry Bush	Viburnum trilobium	
Leatherleaf Viburnum	Viburnum wrightii	
Vinca	Vinca major	
Dwarf Periwinkle	Vinca minor	
Grape*	Vitis spp.	
Old Fashioned Weigela	Weigela florida	
Spanish Bayonet	Yucca aloifolia	
Yucca, Adam's Needle	Yucca filamentosa	

<sup>\*</sup> Do not use on food producing trees, vines, or plants.

\*\* Not for use on container grown plants.

\*\*\*Landscape ornamentals only

TABLE 3-Tolerant Ornamental Species
Container, Field Grown, and Landscape (All States Except CA)

COMMON NAME	SCIENTIFIC NAME
Abelia: Sherwood	Abelia grandiflora
Yarrow: King Edward	Achillea spp.
	Agapanthus orientalis
Five-Leaf or Chocolate Vine	Akebia quintata
Lady's Leek, Nodding Onion	Allium cernuum
Japanese Anemone	Anemone hybrida
Aquilegia: Red and Gold	Aquilegia spp.
Wormwood; Silver Mound, Castle	Artemisia spp.
Aster: Bonny Blue, Purple Dome	Aster spp.
	Aster X frikartii
Lady Fern; Fern Lady	Athyrium filix-femina
Fibrous Begonia: Hardy Grandis	Begonia spp.
	Bergenia cordifolia
Snowbank	Boltonia asteroides
Bougainvillea	Bougainvillea spp.
Butterfly-Bush (Dwarf Blue); Royal Red	Buddleia davidii
Crimson Bottlebrush	Callistemon citrinus
Tussock Bellflower; (White Clips)	Campanula carpatica
Trumpet Creeper, Trumpet Flower, Madame Galen	Campis X tagliabuana
	Ceratostigma plumbaginoides
	Chrysanthemum nipponicum
Coreopsis (Calliopsis); Early Sunrise, Moonbeam	Coreopsis spp.
Lucifer	Crocosmia spp.
Cooperi Pink	Delosperma spp.
Larkspur; Blue Elf	Delphinium spp.
Dianthus, Maiden Pinks 'Zing'	Dianthus deltoides
Cheddar Pink	Dianthus gratianopolitanus
Coneflower, Purple; Magnus	Echinacea purpurea
Weeping Forsythia	Forsythia suspensa
Gaillardia, Blanket Flower: 'Goblin'	Gaillardia spp.

COMMON NAME	SCIENTIFIC NAME
	Gaura spp.
Gentian	Gentiana dahurica
Cranesbill	Geranium cinereum
Baby's Breath	Gypsophila repens
Sunrose	Helianthemum spp.
Daylily: Aztec Gold, Stella De Oro, Tender Love	Hemerocallis spp.
Coral Bell; Bridget Bloom	Heucherella spp.
Mallow; Disco Belle White	Hibiscus spp.
Hosta, Plantain Lily (Fragrant)	Hosta plantaginea
Hosta, 'Searsucker'	Hosta sieboldiana
	Houttuynia cordata var. variegata
Bigleaf Hydrangea	Hydrangea macrophylla
	Inula ensifolia
Sword-Leaved Iris; Jodlesong	Iris ensata
Siberian Iris; Cabernet	Iris siberica
Parsoni	Juniperus davurica
Crape Myrtle; Tuscarora	Lagerstromia indica X fauriei
Weeping Lantana	Lantana montevidensis
Lavender; Munstead	Lavender spp.
Edelweiss	Leontopodium alpinum
Chinese Privet; Variegata	Ligustrum sinense
Lily; Jazz	Lilium spp.
Liriope, Variegated	Liriope muscari var. variegata
Liriope, Creeping	Liriope spicata
Cardinal Flower, Indian Pink	Lobelia cardinalis
Burgundy	Loropetalum chinense
Loosestrife; Modern Pink	Lythrum spp.
Yaku Jima**, Silberfeder**	Miscanthus sinensis
Evening Primrose	Oenothera missourensis
Osmanthus (False Holly): Gulf Tide	Osmanthus heterophyllus
Tree Peony	Paeonia suffruticosa
Fountain Grass (Dwarf)**	Pennisetum setaceum
	Perovskia atriplicifolia
Dragonhead, False; Vivid	Physostegia virginiana
Oak, Shumard's Red	Quercus Shumardii
Yedda Hawthorne	Raphiolepsis umbellata
'Delaware Valley White'	Rhododendron (including Azalea)
'Flame Creeper'	
'Girard Crimson'	
'George L. Tabor'	
'Wakeiebisu'	`
'White Gumpo'	
Black-Eyed Susan: Goldstrum	Rudbeckia spp.

Saxifraga spp.
Scabiosa spp.
.Sedum cauticola
Sedum dasyphyllum
Sedum spurium
Spiraea bumalda .
Syzygium paniculatum
Teucrium spp.
Thalictrum dipterocarpum
Veronica spp.
Viburnum suspensum

<sup>\*\*</sup> Not for use on container grown plants.

#### **VEGETATION MANAGEMENT**

Alligare Prodiamine 65 WG Herbicide may be applied to soil surfaces for preemergence control of many grass and broadleaf weeds in:

- Non-crop areas, including ornamentals (does not include container or field grown ornamentals) and established perennial and wildflower plantings on or surrounding:
  - Managed rights-of-way for transportation systems and utilities including roadways, roadsides, railways, and equipment vards:
  - Facilities including substations, tank farms, pumping stations, parking and storage areas, and ungrazed fence rows.

#### Weeds Controlled-Vegetation Management

When-used-as-directed-in-this-label, Alligare-Prodiamine 65 WG Herbicide will control the following weeds:

Barnyardgrass	Kochia
Bluegrass, Annual (Poa annua) <sup>1</sup>	Lambsquarters, Common .
Carpetweed	Lovegrass
Chickweed, Common <sup>1</sup>	Panicum (Texas, Fall, Browntop)
Chickweed, Mouseear (from seed)	Pigweed
Crabgrass (Large, Smooth) <sup>3</sup>	Purslane, Common
Crowfootgrass	Pusley, Florida
Cupgrass, Woolly	Rescuegrass <sup>2</sup>
Foxtails, Annual	Sheperdspurse <sup>1</sup>
Goosegrass <sup>3</sup>	Signalgrass, Broadleaf
Henbit <sup>1</sup>	Speedwell, Persian
Itchgrass	Sprangletop
Johnsongrass (from seed)	Spurge, Prostrate
Junglerice	Witchgrass
Knotweed <sup>1</sup>	Woodsorrel, Yellow (from seed)

To control this weed, apply Alligare Prodiamine 65 WG Herbicide in late summer, fall, or winter before weed seeds germinate.

# **Application Timing and Information-Vegetation Management**

Alligare Prodiamine 65 WG Herbicide:

- Provides residual preemergence weed control.
- Will not control emerged weeds.
- May be applied to newly transplanted and established ornamentals as a broadcast or over-the-top spray.
- Is most effective when the product is activated in the soil before weed seeds germinate and within 14 days after application.
- Is activated when the treated area receives at least 0.5 inches of irrigation or rainfall or shallow (1-2 inches) mechanical incorporation.
- Is most effective when applied to soil free of clods, weeds, and debris such as leaves and mulch.

#### **Use Precautions-Vegetation Management**

To reduce injury potential:

Direct application of Alligare Prodiamine 65 WG Herbicide to rapidly growing tissue or buds may injure desirable plants. In the spring when buds are rapidly growing and expanding, over-the-top application of Alligare Prodiamine 65 WG Herbicide may temporarily injure new growth of desirable plants. To reduce the possibility of injury at this time, wait to apply Alligare Prodiamine 65 WG Herbicide over the top of newly emerged vegetation until it has hardened off unless your experience

<sup>&</sup>lt;sup>2</sup> Suppression only.

<sup>&</sup>lt;sup>3</sup> Sequential applications may be made as long as the total amount of product applied does not exceed 2.3 lbs./A per year. To control weeds, all applications must be made before weed seeds germinate.

indicates that the ornamental plant will not be injured by the over-the-top application.

2. After application (immediately for deciduous plants), irrigate the treated area to wash Alligare Prodiamine 65 WG Herbicide from plant surfaces onto soil. Watering plants before application may improve the washing process.

How Much and When to Apply-Vegetation Management

AMOUNT TO APPLY (BROADCAST)*	WHEN TO APPLY	COMMENTS/INSTRUCTIONS
1.0-2.3 lbs./A. or 0.37-0.83 oz/1,000 sq. ft.	In fall and/or spring before weeds germinate or after weeds are removed.	Use the higher rate for longer control.  Alligare Prodiamine 65 WG Herbicide may be applied more than once per year as long as the total amount of product applied does not exceed 2.3 lbs./A. per year.

\*Note: For band application calculate amount per acre:

Band width in inches x broadcast rate = amt. to apply per acre of field

Row width in inches

Equivalent Measurements for Alligare Prodiamine 65 WG Herbicide

lbs./A	oz./1,000 sq. ft.	Approximate Equivalent Tablespoons/1,000 sq. ft.
1.0	0.37	1
1.5	0.55	1 ½
2.0	0.74	2
2.3	0.83	2 1/4

Application Sites and Use Precautions-Vegetation Management

SITE	USE PRECAUTIONS
Ornamental Trees, Shrubs, Vines	Apply as a broadcast, over-the-top, or as a directed spray.
	Delay applications to newly transplanted ornamentals until soil has settled around transplants.
Ornamental Bulbs and Perennial Wildflower Plantings	May be applied to bulbs or perennial wildflower species listed in the section "Tolerant Ornamental Species."
	Apply before or after bulbs emerge but before bloom and weeds emerge.
	In wildflowers, a postemergence herbicide labeled for wildflowers may be needed to control weeds that have already emerged.

## **Tank Mixtures-Vegetation Management**

Alligare Prodiamine 65 WG Herbicide may be tank mixed with other registered herbicides listed on this label to provide a broader spectrum of weed control or to control emerged weeds. Tank mixes with Alligare Prodiamine 65 WG Herbicide are for use only in states where the tank mix partner(s), application site, and intended use pattern are registered.

Follow the label(s) of the tank mix partner(s) for application rates, timing, weeds controlled, tolerant ornamentals, and specific use precautions and/or restrictions. Before combining tank mix partners in the spray tank, test compatibility by mixing the products in a small container. See the **COMPATIBILITY TEST** section.

# Tank Mixing and Application

Tank Mix Partners for Alligare Prodiamine 65 WG Herbicide-Vegetation Management

PRODUCT	PRECAUTIONS/INSTRUCTIONS
Goal®, Galigan® (use on conifers only)	Mix with Alligare Prodiamine 65 WG Herbicide for postemergence control of certain broadleaf weeds including malva and filaree.
Gallery®, Princep®, Pennant®	See product labels for weed spectrum and tolerant ornamentals.
Touchdown <sup>®</sup> Pro (or other glyphosate-based labeled products), Reward <sup>®</sup> and Finale <sup>®</sup>	These non-selective tank mix herbicides control most emerged annual broadleaves and grasses.  Take extreme care to prevent tank mixtures with these partner products from contacting the foliage and stems of turfgrass, trees, shrubs, or other desirable vegetation because desirable vegetation may be severely injured or killed. Apply these tank mixtures as a directed spray and use a shield to prevent spray from contacting foliage of desirable plants.  Follow instructions on the tank mix partner's label, delay irrigation of the treated area to allow time for the herbicide to be absorbed by weed foliage.

#### **Tolerant Ornamental Species\*-Vegetation Management**

# \*Not for use on container or field grown ornamentals

Alligare Prodiamine 65 WG Herbicide will not harm most trees, shrubs, vines, and flowers. The species listed below in Table 4 are tolerant to Alligare Prodiamine 65 WG Herbicide.

Alligare Prodiamine 65 WG Herbicide is approved for application, except in California, to the species in Table 5. Alligare Prodiamine 65 WG Herbicide may be applied over-the-top of the listed species.

When plants are under stress (such as heat, drought, or frost damage), some cultivars of listed plants may be sensitive to Alligare

Prodiamine 65 WG Herbicide.

COMMON NAME	SCIENTIFIC NAME	
Fir species (Balsam, Fraser, Noble, etc.)	Abies spp.	
Japanese Maple	Acer palmatum	
Norway Maple***	Acer platanoides	
Kiwi**	Actinidia chinensis	
Lily-of-the-Nile (African Lily)	Agapanthus africanus	
Vine Hill Manzanita	Arctostaphylos densiflora	
Cape Weed	Arctotheca calendula	
Japanese Aucuba	Aucuba japonica	
Barberry	Berberis gladwynensis	
Wintergreen Barberry	Berberis julianae	
Mentor Barberry	Berberis mentorensis	
Japanese Barberry	Berberis thunbergii	
Warty Barberry	Berberis verruculosa	
Japanese Boxwood	Buxus microphylla	
Weeping Bottlebrush	Callistemon viminalis	
Scotch Heather	Calluna vulgaris	
Hottentot Fig (Ice Plant)	Carpobrotus edulis	
Feathery Cassia	Cassia artemisoides	
Wild Lilac	Ceanothus rigidus	
False Cypress	Chamaecyparis pisifera	
Cleyera	Cleyera japonica	
Citrus species**	Citrus spp.	
Flowering Dogwood	Cornus florida	
American Dogwood	Cornus stolonifera	
Pampas Grass	Cortaderia selloana	
Cranberry Cotoneaster	Cotoneaster apiculatus	
Cotoneaster	Cotoneaster buxifolius	
Bearberry Cotoneaster	Cotoneaster dammeri	
Rockspray Cotoneaster	Cotoneaster microphyllus	
Hawthorne	. Crataegus spp.	
Italian Cypress	Cupressus sempervirens	
White Trailing Ice Plant	Delosperma alba	
Hop Bush	Dodonea viscosa	
Silverberry	Elaeagnus pungens	
Wintercreeper	Euonymus fortunei	
Japanese Spindle Tree (Evergreen Euonymus)	Euonymus japonica	
Spreading Euonymus	Euonymus kiautschovica	
Japanese Aralia	Fatsia japonica	
Border Forsythia	Forsythia intermedia	
Greenstem Forsythia	Forsythia viridissima	
Gardenia, Cape-Jasmine	Gardenia jasminoides	

COMMON NAME	SCIENTIFIC NAME		
Gladiolus species	Gladiolus spp.		
English Ivy	Hedera helix		
Rose of Sharon	Hibiscus		
Chinese Hibiscus	Hibiscus Rosa-sinensis		
Chinese Holly	llex cornuta		
Japanese Holly	llex crenata		
American Holly	Ilex opaca		
Holly	llex pernyi		
Yaupon Holly	llex vomitoria		
Iris species	Iris spp.		
Winter Jasmine	Jasminium nudiflorum		
Chinese Juniper	Juniperus chinensis		
Shore Juniper	Juniperus conferta		
Creeping Juniper	Juniperus horizontalis		
Walnut**	Juglans spp.		
Shrimp Plant	Justicia brandegeana		
Crape Myrtle	Lagerstromia indica		
Amur Privet	Ligustrum amurense		
Japanese Privet	Ligustrum japonicum		
Glossy Privet (wax-leaf)	Ligustrum lucidum		
Big Blue Lillyturf	Liriope muscari		
Japanese Honeysuckle	Lonicera japonica		
Tatarian Honeysuckle	Lonicera tatarica		
Magnolia species	Magnolia spp.		
Ice Plant	Maleophora luteola		
Crabapple**	Malus spp.		
Heavenly Bamboo	Nandina domestica		
Narcissus species	Narcissus spp.		
Oleander	Nerium spp.		
Olive**	Olea europaea		
Mondo Grass	Ophiopogon japonicus		
Trailing African Daisy	Osteospermum fruticosum		
Sourwood	Oxydendrum arboreum		
Avocado**	Persea americana		
Frasier's Photinia (Redtip)	Photinia fraseri		
Spruce species*** (Colorado Blue, Norway, etc.)	Picea spp.		
Lily-of-the Valley Shrub	Pieris japonica		
Calabrian Pine	Pinus brutia		
Canary Island Pine	Pinus canariensis		
Slash Pine	Pinus elliottii		
Aleppo Pine	Pinus halepensis		
Austrian Black Pine	Pinus nigra		
Longleaf Pine	Pinus palustrus		

19/25

Monterey Pine Eastern White Pine Eastern White Pine Eastern White Pine Pinus strobus Scotch Pine Pinus strobus Scotch Pine Pinus strobus Scotch Pine Pinus strobus Pinus taeda Japanese Black Pine Pinus introbergiana Virginia Pine Pistachio* Pistachio* Pistachio* Pistachio* Pistachio* Pistachio* Pistachio* Pistachio* Pittosporum horbifolium Japanese Pittosporum Pittosporum tobira Japanese Pittos Pirm* Podocarpus macrophyllus English Laurel Almond, Apricot, Nectarine, Peach, Plum, Prune* Prunus laurocerasus Almond, Apricot, Nectarine, Peach, Plum, Prune* Prunus spp. Douglas Fir** Pseudotsuga menziesii Firethorn, Chinese Pyracantha fortuneana Firethorn, Formosa Pyracantha fortuneana Firethorn, Formosa Pyracantha fortuneana Pirethorn, Formosa Pyracantha koidzumii Prathamana Pyrus spp. Oak speces Quercus rubra Indian Hawthorne Raphiolepsis indica Coral Belis Formosa Hino-crimson' PJM* Formosa  Roseum Elegans' Lady Bank's Rose Rosenary* Roseum Elegans' Leatherleaf Fern Rumchar adiantiformis Santolina virens Stonecrop Sadum album Japanese Boxcherry Syzyglum panculatum Japanese Pew Taxus media American Arborvitae Thuja occidentalis Star Jasmine Trachelospermum asiatum Trachelospermum asiatum Viburnum ipicatum	COMMON NAME	SCIENTIFIC NAME
Scotch Pine Pinus sylvestris Lobiolly Pine Pinus taeda Japanese Black Pine Pinus trunbergiana Virginia Pine Pinus virginiana Pistachio** Pistachio** Queensland Pittesporum Pittesporum morbifolium Japanese Yew Podocarpus macrophylius English Laurel Pinus laurocerasus Almond, Apricot, Nectarine, Peach, Plum, Prune** Prunus sapp. Douglas Fir** Presudostaga menziesii Firethorn, Chinese Pyracanifia coocinea Firethorn, Chinese Pyracanifia fortuneana Firethorn, Formosa Pyracanifia fortuneana Firethorn, Formosa Pyracanifia koidzumii Bradford Pear spp. Pyrus spp. Qak species Querous rubra Indian Hawthorne Raphiologosis indica Coral Belis' Rhododendron (includiing Azalea) Formosa' Hino-crimson' Findian Rose Rose Rose Banksiae Rosemay** Rosmannus officinalis Leatherleaf Fern Rumohra adiantiformis Santolina wirens Stonecrop Sedum album Japanese Boxcherry Syrygium paniculatum Taxus media American Arborvitae Thuja occidentalis Star Jasmine Trachelospermum asiatum Trachelospermum asiatum Trachelospermum asiatum Viburnum japonicum Sweet Viburnum Viburnum japonicum Sweet Viburnum Viburnum pigdum Leany Island Viburnum japonicum Leany Island Viburnum japonicum Viburnum pigdum Leany Island Viburnum jugdum Leunustinus Viburnum jaguine Leany Island Viburnum jugdum Leunustinus Viburnum juganicum Leunustinus Viburnum ingdum Leunustinus Viburnum gilose		
Lobiolly Pine Pinus taeda Japanese Black Pine Pinus virginiana Virginia Pine Pinus virginiana Pistachio* Pistachio* Queensland Pittosporum Pittosporum Pittosporum tobira Japanese Pittosporum Pittosporum Dibira Japanese Yew Podocarpus macrophyllus English Laurel Prunus laurocerasus Almond, Apricot, Nectarine, Peach, Plum, Prune** Pseudotsuga menziasii Firethorn, Scarlet Pyracantha coccinea Pirethorn, Scarlet Pyracantha corcinea Firethorn, Formosa Pyracantha koidzumii Pardord Pear spp. Pyrus spp. Oak species Quercus rubra Indian Hawthorne Raphiologis indica Coral Bells' Rhododendron (including Azalea) **Formosa'* **Formosa'* **Formosa'* **Formosa'* **PJM** **Roseum Elegans' Lady Bank's Rose Rose Rosa banksiee Rosemany** Rosmannus officinalis Laddrefaer Fern Rumohra adiantiformis Stonecrop Sedum album Japanese Boxcherry Syzygium paniculatum Japanese Pew Taxus cuspidata **American Arborvitae Truja occidentalis **Star Jasmine Trachelospermum asiatum Canada Hemlock Tsuga canadensis Tulip species Julipa spp. Japanese Viburnum Viburnum Japanese Noturum piloatum Viburnum figdum Viburnum figdum Viburnum figdum Viburnum filoatum Viburnum f	Eastern White Pine	Pinus strobus
Japanese Black Pine	Scotch Pine	Pinus sylvestris
Virginia Pine Pinus virginiana Pinus virginiana Pistacio spp.  Queensland Pittosporum Pittosporum Inombifolium Papanese Pittosporum Optica Pittosporum thombifolium Pittosporum thombifolium Pittosporum tobira Pittosporum Inombifolium Pittosporum tobira Podocarpus macrophyllus Pittosporum Inombifolium Pittosporum tobira Pittosporum Inombifolium Pittosporum Inoma Pittosporum Inoma Inoma Pittosporum Inoma Ino	Loblolly Pine	Pinus taeda
Pistachio** Pistacia spp. Queensland Pittosporum Pritosporum Pritosporum hombifolium Japanese Pittosporum Pritosporum Pritosporum hombifolium Japanese Pittosporum Pritosporum Pritosporum hombifolium Japanese Yew Podocarpus macrophyllus English Laure! Prunus laurocerasus Almond, Apricot, Nectarine, Peach, Plum, Prune** Prunus spp.  Douglas Fir** Pseudotsuga menziesii Firethorn, Scarlet Pyracantha coccinea Firethorn, Chinese Pyracantha fortuneana Firethorn, Chinese Pyracantha fortuneana Firethorn, Chinese Pyracantha koidzumii Bradford Pear spp. Pyrus spp.  Oak species Quercus rubra Indian Hawthorne Rapholepsis indica  "Coral Bells" Rhododendron (including Azalea)  "Formosa' "Hino-crimson' "PJM" "Roseum Elegans' Lady Bank's Rose Rosa banksiae Rosemary** Rosmanius officinalis Leathefeaf Fern Rumohra adiantiformis Stonecrop Sodum album  Japanese Boxcherry Syzygium paniculatum Japanese Boxcherry Syzygium paniculatum  Taxus media Taxus media Taxus media Taxus media Taxus media Tilipa occidentalis Star Jasmine Taxelospermum asiatum Canada Hemlock Tsuga caendensis Tulipa spp.  Japanese Viburnum Viburnum japonicum Wiburnum pigotum Canary Island Viburrum injedum Canary Island Viburrum injedum Viburnum nigidum Laurustinus Viburnum injedum Viburnum injedum Laurustinus	Japanese Black Pine	Pinus thunbergiana
Queensland Pitosporum Pitosporum Pitosporum tobira Japanese Pitosporum Pitosporum Pitosporum tobira Japanese Yew Podocarpus macrophyllus English Laurel Prunus saurocerasus Almond, Apricot, Nectarine, Peach, Plum, Prune** Prunus spp.  Douglas Fir** Pseudotsuga menziesii Firethorn, Scarlet Pyracantha coccinea Firethorn, Chinese Pyracantha coccinea Firethorn, Chinese Pyracantha koidzumii Bradford Pear spp. Pyrus spp.  Oak species Querus rubra Indian Hawthorne Raphiolepsis indica (Coral Bells' Rhododendron (including Azalea)  *Formosa' *Hino-crimson' *PJM' *Roseum Elegans' Lady Bank's Rose Rosa banksiae Rosemary** Rosmarinus officinalis Leatherleaf Fern Rumohra adiantiformis Stonecrop Sedum album Japanese Boxcherry Syzygium paniculatum  Taxus media  *American Arborvitae Thuje occidentalis Star Jasmine Trachelosperum asiatum Canada Hemlock Isuga canadensis Tulipa spp.  Japanese Viburnum Viburnum igoutum  Viburnum giquum  Laurustinus Viburnum ingutum  Viburnum nigidum  Laurustinus Viburnum ingus  Viburnum nigidum  Laurustinus  Viburnum giquim  Laurustinus  Viburnum ingutum  Viburnum nigidum  Laurustinus  Viburnum ingutum  Viburnum nigidum  Laurustinus  Viburnum ingutum	Virginia Pine	Pinus virginiana
Japanese Pittosporum Pittosporum tobira Japanese Yew Podocarpus macrophyllus English Laurei Prunus laurocerasus Almond, Apricot, Nectarine, Peach, Plum, Prune** Prunus spp. Douglas Fir** Praunus Spp. Douglas Fir** Praunus Spp. Pouglas Fir** Praunus Spp. Pouglas Fir** Praunus Spp. Pouglas Fir** Praunus Spp. Pouglas Fir** Praunus Spp. Praunus Sup. Praunus	Pistachio**	Pistacia spp.
English Laure! Prunus laurocerasus Almond, Apricot, Nectarine, Peach, Plum, Prune** Prunus spp. Douglas Fir** Pseudotsuga menziesii Firethorn, Scarlet Pyracantha coccinea Firethorn, Chinese Pyracantha fortuneana Firethorn, Formosa Pyracantha koidzumii Bradford Pear spp. Pyrus spp. Oak species Querous rubra Indian Hawthorne Raphiolepsis indica Coral Bells' Rhododendron (including Azalea) Formosa' 'Hino-crimson' 'PJM' 'Roseum Elegans' Lady Bank's Rose Rosa banksiae Rosemary** Rosmarinus officinalis Leatherleaf Fern Rumohra adiantiformis Stonecrop Sedum album Japanese Boxcherry Syzygium paniculatum Japanese Yew Taxus media American Arborvitae Thuja occidentalis Star Jasmine Trachelospermum asiatum Canada Hemlock Tsuga canadensis Tulipa spp. Japanese Viburnum Viburnum japonicum Sweet Viburnum Viburnum jolicutum Viburnum plicatum Viburnum plicatum Viburnum pirigidum Laurustinus Viburnum figidum	Queensland Pittosporum	Pittosporum rhombifolium
English Laurel Prunus laurocerasus  Almond, Apricot, Nectarine, Peach, Plum, Prune** Prunus spp.  Douglas Fir** Pseudotsuga menziesii Firethorn, Chinese Pyracantha coccinea Firethorn, Chinese Pyracantha fortuneana Firethorn, Formosa Pyracantha koidzumii Bradford Pear spp. Pyrus spp.  Oak species Quercus rubra Indian Hawthorne Raphiolepsis indica  **Coral Bells' Rhododendron (including Azalea)  "Formosa' "Hino-crimson' "PJM' "Roseum Elegans' Lady Bank's Rose Rosa banksiae Rosemary** Rosmarinus officinalis Leatherleaf Fern Rumohra adiantiformis  Santolina virens  Stonecrop Sedum album  Japanese Boxcherry Syzygium paiculatum  Taxus media  American Arborvitae Thuja occidentalis  Star Jasmine Trachelospermum asiatum  Canada Hemlock Tsuga canadensis  Tulipa spp.  Japanese Snowball Viburnum japonicum  Sweet Viburnum  Viburnum injoidum  Laurustnus Viburnum figidum  Viburnum figidum  Canary Island Viburnum injoidum  Viburnum figidum	Japanese Pittosporum	Pittosporum tobira
Almond, Apricot, Nectarine, Peach, Plum, Prune**  Pseudotsuga menziesii  Firethorn, Scarlet  Firethorn, Chinese  Firethorn, Formosa  Firethorn, Formosa  Pyracantha fortuneana  Firethorn, Formosa  Pyracantha koidzumii  Firethorn, Formosa  Pyrus spp.  Oak species  Quercus rubra  Indian Hawthorne  Raphiolepsis indica  'Coral Bells'  Rhododendron (including Azalea)  'Formosa'  'Hino-crimson'  'PJM'  'Roseum Elegans'  Lady Bank's Rose  Rosmarinus officinalis  Leatherleaf Fern  Rumohra adiantiformis  Santolina virens  Stonecrop  Sedum album  Japanese Boxcherry  Japanese Yew  Taxus cuspidata  Yew  Taxus media  American Arborvitae  Slar Jasmine  Trachelospermum asiatum  Canada Hemlock  Tulipa spc.  Japanese Viburnum  Japanese Snowball  Viburnum ipidum  Viburnum ipidum  Canary Island Viburnum  Viburnum ingidum  Laurustinus  Viburnum ingidum  Laurustinus  Viburnum ingidum	Japanese Yew	Podocarpus macrophyllus
Douglas Fir***  Pseudotsuga menziesii  Firethorn, Scarlet  Pyracantha coccinea  Firethorn, Chinese  Pyracantha koidzumii  Bradford Pear spp.  Pyrus spp.  Oak species  Indian Hawthorne  Raphiolepsis indica  Coral Bells'  Pormosa'  Phino-crimson'  PJM'  Roseum Elegans'  Lady Bank's Rose  Rosa banksiae  Rosemary**  Rosmarinus officinalis  Leatherleaf Fern  Rumohra adiantiformis  Santolina virens  Stonecrop  Japanese Boxcherry  Japanese Yew  Taxus media  American Arborvitae  Star Jasmine  Trachelospermum asiatum  Canada Hemlock  Tsuga canadensis  Tulipa spp.  Japanese Viburnum  Sweet Viburnum  Viburnum japonicum  Viburnum picatum  Canary Island Viburnum figidum  Viburnum ingidum  Viburnum ingidum  Laurustinus	English Laurel	Prunus laurocerasus
Firethorn, Scarlet Pyracantha coccinea  Firethorn, Chinese Pyracantha fortuneana  Firethorn, Formosa Pyracantha koidzumii  Bradford Pear spp. Pyrus spp.  Oak species Quercus rubra Indian Hawthorne Raphiolepsis indica  "Coral Belis' Rhododendron (including Azalea)  "Formosa'  "Hino-crimson'  "PJM'  "Roseum Elegans'  Lady Bank's Rose Rosa banksiae Rosemary** Rosmarinus officinalis Leatherleaf Fern Rumohra adiantiformis  Santolina virens  Stonecrop Sedum album  Japanese Boxcherry Syzygium paniculatum  Taxus cuspidata  Yew Taxus media  American Arborvitae Thuja occidentalis  Star Jasmine Trachelospermum asiatum  Canada Hemlock Tsuga canadensis  Tulipa spp.  Japanese Viburnum  Japanese Nowball Viburnum japonicum  Viburnum japonicum  Canary Island Viburnum ingidum	Almond, Apricot, Nectarine, Peach, Plum, Prune**	Prunus spp.
Firethorn, Chinese	Douglas Fir***	Pseudotsuga menziesii
Firethorn, Formosa Pyracantha koidzumii Bradford Pear spp. Pyrus spp.  Oak species Quercus rubra Indian Hawthorne Raphiolepsis indica  'Coral Bells' Rhododendron (including Azalea)  'Formosa' Hino-crimson'  'PJM'  'Roseum Elegans' Rosa banksiae  Rosemary** Rosmarinus officinalis Leatherleaf Fern Rumohra adiantiformis Santolina virens  Stonecrop Sedum album Japanese Boxcherry Syzygium paniculatum  Japanese Yew Taxus media  American Arborvitae Thuja occidentalis  Star Jasmine Trachelospermum asiatum  Canada Hemlock Tsuga canadensis  Tulipa spp.  Japanese Viburnum Viburnum japonicum  Sweet Viburnum Jopanicum  Viburnum jajodum  Laurustinus Viburnum fusidum  Viburnum ingidum  Laurustinus  Viburnum ingidum  Laurustinus	Firethorn, Scarlet	Pyracantha coccinea
Bradford Pear spp.	Firethorn, Chinese	Pyracantha fortuneana
Oak species       Quercus rubra         Indian Hawthorne       Raphiolepsis indica         'Coral Bells'       Rhododendron (including Azalea)         'Formosa'       'Hino-crimson'         'Hino-crimson'       PJM'         'Roseum Elegans'       Rosa banksiae         Rosemary**       Rosmarinus officinalis         Leatherleaf Fern       Rumohra adiantiformis         Santolina virens       Santolina virens         Stonecrop       Sedum album         Japanese Boxcherry       Syzygium paniculatum         Japanese Yew       Taxus cuspidata         Yew       Taxus media         American Arborvitae       Thuja occidentalis         Star Jasmine       Trachelospermum asiatum         Canada Hemlock       Tsuga canadensis         Tulips species       Tulipa spp.         Japanese Viburnum       Viburnum japonicum         Sweet Viburnum       Viburnum japonicum         Sweet Viburnum       Viburnum jelcatum         Canary Island Viburnum       Viburnum rigidum         Laurustinus       Viburnum linus	Firethorn, Formosa	Pyracantha koidzumii
Indian Hawthorne  Coral Bells' Formosa' 'Hino-crimson' 'PJM' 'Roseum Elegans'  Lady Bank's Rose  Rosa banksiae Rosemary**  Rosmarinus officinalis  Leatherleaf Fern  Rumohra adiantiformis  Santolina virens  Stonecrop  Sedum album  Japanese Boxcherry  Japanese Yew  Taxus media  American Arborvitae  Trachelospermum asiatum  Canada Hemlock  Tsuga canadensis  Tulipa spe.  Japanese Viburnum  Viburnum japonicum  Sweet Viburnum  Japanese Snowball  Viburnum figidum  Viburnum figidum  Laurustinus  Viburnum figidum  Viburnum figidum  Viburnum figidum  Laurustinus  Viburnum finus	Bradford Pear spp.	Pyrus spp.
'Coral Bells' Formosa' 'Hino-crimson' 'PJM' 'Roseum Elegans' Lady Bank's Rose Rosemary** Rosemary** Rosemary* Roseum Elegans' Leatherleaf Fern Rumohra adiantiformis Santolina virens Stonecrop Sedum album Japanese Boxcherry Japanese Yew Taxus cuspidata Yew Taxus media American Arborvitae Trachelospermum asiatum Canada Hemlock Tsuga canadensis Tulipa spp. Japanese Viburnum Viburnum japonicum Sweet Viburnum Viburnum plicatum Canary Island Viburnum Viburnum rigidum Laurustinus Viburnum finus	Oak species	Quercus rubra
'Formosa' 'Hino-crimson' 'PJM' 'Roseum Elegans'  Lady Bank's Rose Rosa banksiae Rosemary** Rosmarinus officinalis Leatherleaf Fern Rumohra adiantiformis Santolina virens Stonecrop Sedum album Japanese Boxcherry Syzygium paniculatum Japanese Yew Taxus cuspidata  Yew Taxus media American Arborvitae Thuja occidentalis Star Jasmine Trachelospermum asiatum Canada Hemlock Tsuga canadensis Tulip species Tulipa spp. Japanese Viburnum Viburnum japonicum Sweet Viburnum Viburnum odoratissimum Japanese Snowball Viburnum rigidum Laurustinus Viburnum figidum Laurustinus	Indian Hawthorne	Raphiolepsis indica
'Hino-crimson' 'PJM' 'Roseum Elegans' Lady Bank's Rose Rosemary** Rosemary** Rosemary** Rosemarinus officinalis Leatherleaf Fern Rumohra adiantiformis Santolina virens Stonecrop Sedum album Japanese Boxcherry Japanese Yew Taxus cuspidata  Yew Taxus media American Arborvitae Thuja occidentalis Star Jasmine Trachelospermum asiatum Canada Hemlock Tsuga canadensis Tulip species Tulipa spp. Japanese Viburnum Viburnum japonicum Sweet Viburnum Japanese Snowball Viburnum plicatum Canary Island Viburnum Viburnum rigidum Laurustinus Viburnum tinus	'Coral Bells'	Rhododendron (including Azalea)
'PJM' 'Roseum Elegans'  Lady Bank's Rose  Rosemary**  Rosmarinus officinalis  Leatherleaf Fern  Rumohra adiantiformis  Santolina virens  Stonecrop  Sedum album  Japanese Boxcherry  Japanese Yew  Taxus cuspidata  Yew  Taxus media  American Arborvitae  Thuja occidentalis  Star Jasmine  Trachelospermum asiatum  Canada Hemlock  Tsuga canadensis  Tulipa spp.  Japanese Viburnum  Sweet Viburnum  Sweet Viburnum  Japanese Snowball  Canary Island Viburnum  Viburnum rigidum  Laurustinus  Viburnum finus	'Formosa'	
Roseum Elegans'  Lady Bank's Rose  Rosemary**  Rosemarinus officinalis  Leatherleaf Fern  Rumohra adiantiformis  Santolina virens  Stonecrop  Sedum album  Japanese Boxcherry  Japanese Yew  Taxus cuspidata  Yew  Taxus media  American Arborvitae  Trachelospermum asiatum  Canada Hemlock  Tsuga canadensis  Tulip species  Tulipa species  Japanese Viburnum  Sweet Viburnum  Viburnum japonicum  Viburnum japonicum  Viburnum odoratissimum  Japanese Snowball  Viburnum rigidum  Laurustinus  Viburnum figidum  Laurustinus	'Hino-crimson'	
Rosemary** Rosemary** Rosemarinus officinalis Leatherleaf Fern Rumohra adiantiformis Santolina virens Stonecrop Sedum album Japanese Boxcherry Syzygium paniculatum Taxus cuspidata Yew Taxus media American Arborvitae Thuja occidentalis Star Jasmine Trachelospermum asiatum Canada Hemlock Tsuga canadensis Tulip species Tulipa spp. Japanese Viburnum Viburnum japonicum Viburnum odoratissimum Japanese Snowball Canary Island Viburnum Viburnum igidum Laurustinus Viburnum figidum Laurustinus	'РЈМ'	
Rosemary**  Leatherleaf Fern  Rumohra adiantiformis  Santolina virens  Stonecrop  Sedum album  Japanese Boxcherry  Japanese Yew  Taxus cuspidata  Thuja occidentalis  Star Jasmine  Trachelospermum asiatum  Canada Hemlock  Tsuga canadensis  Tulipa spp.  Japanese Viburnum  Sweet Viburnum  Japanese Snowball  Canary Island Viburnum  Viburnum rigidum  Laurustinus  Rumohra adiantiformis  Rumohra adiantiformis  Rumohra adiantiformis  Rumohra adiantiformis  Anuncian Arboritae  Syzygium paniculatum  Taxus media  Thuja occidentalis  Thuja occidentalis  Trachelospermum asiatum  Trachelospermum asiatum  Viburnum japonicum  Viburnum japonicum  Viburnum plicatum  Viburnum rigidum  Laurustinus	'Roseum Elegans'	·
Leatherleaf Fern Rumohra adiantiformis Santolina virens Stonecrop Sedum album Japanese Boxcherry Syzygium paniculatum Taxus cuspidata  Yew Taxus media American Arborvitae Thuja occidentalis Star Jasmine Trachelospermum asiatum Canada Hemlock Tsuga canadensis Tulip species Tulipa spp. Japanese Viburnum Viburnum japonicum Sweet Viburnum Japanese Snowball Viburnum plicatum Canary Island Viburnum Laurustinus Viburnum tinus	Lady Bank's Rose	Rosa banksiae
Stonecrop Sedum album Japanese Boxcherry Syzygium paniculatum Japanese Yew Taxus cuspidata  Yew Taxus media American Arborvitae Thuja occidentalis Star Jasmine Trachelospermum asiatum Canada Hemlock Tsuga canadensis Tulip species Tulipa spp. Japanese Viburnum Viburnum japonicum Sweet Viburnum Viburnum plicatum Canary Island Viburnum Laurustinus Viburnum rigidum Laurustinus	Rosemary**	Rosmarinus officinalis
Stonecrop Sedum album  Japanese Boxcherry Syzygium paniculatum  Taxus cuspidata  Yew Taxus media American Arborvitae Thuja occidentalis Star Jasmine Trachelospermum asiatum  Canada Hemlock Tsuga canadensis  Tulipa spp.  Japanese Viburnum Viburnum japonicum  Sweet Viburnum Viburnum odoratissimum  Japanese Snowball Viburnum plicatum  Canary Island Viburnum Viburnum rigidum  Laurustinus Viburnum tinus	Leatherleaf Fern	Rumohra adiantiformis
Japanese Boxcherry Japanese Yew Taxus cuspidata  Yew Taxus media American Arborvitae Thuja occidentalis Star Jasmine Trachelospermum asiatum  Canada Hemlock Tsuga canadensis Tulip species Tulip species Tulipa spp.  Japanese Viburnum Viburnum japonicum  Sweet Viburnum Viburnum odoratissimum  Japanese Snowball Viburnum plicatum  Canary Island Viburnum Viburnum figidum  Laurustinus Viburnum tinus		Santolina virens
Japanese YewTaxus cuspidataYewTaxus mediaAmerican ArborvitaeThuja occidentalisStar JasmineTrachelospermum asiatumCanada HemlockTsuga canadensisTulip speciesTulipa spp.Japanese ViburnumViburnum japonicumSweet ViburnumViburnum odoratissimumJapanese SnowballViburnum plicatumCanary Island ViburnumViburnum rigidumLaurustinusViburnum tinus	Stonecrop	Sedum album
Yew Taxus media  American Arborvitae Thuja occidentalis  Star Jasmine Trachelospermum asiatum  Canada Hemlock Tsuga canadensis  Tulip species Tulipa spp.  Japanese Viburnum Viburnum japonicum  Sweet Viburnum Viburnum odoratissimum  Japanese Snowball Viburnum plicatum  Canary Island Viburnum  Laurustinus Viburnum tinus	Japanese Boxcherry	Syzygium paniculatum
American Arborvitae  Star Jasmine  Trachelospermum asiatum  Canada Hemlock  Tsuga canadensis  Tulip species  Tulip species  Japanese Viburnum  Viburnum japonicum  Sweet Viburnum  Viburnum odoratissimum  Viburnum plicatum  Canary Island Viburnum  Viburnum rigidum  Laurustinus  Viburnum tinus	Japanese Yew	Taxus cuspidata
Star Jasmine  Canada Hemlock  Tsuga canadensis  Tulip species  Tulipa spp.  Japanese Viburnum  Viburnum japonicum  Sweet Viburnum  Japanese Snowball  Canary Island Viburnum  Laurustinus  Trachelospermum asiatum  Trachelospermum asiatum  Vibuga canadensis  Tulipa spp.  Viburnum japonicum  Viburnum japonicum  Viburnum odoratissimum  Viburnum plicatum  Viburnum rigidum	Yew	Taxus media
Canada HemlockTsuga canadensisTulip speciesTulipa spp.Japanese ViburnumViburnum japonicumSweet ViburnumViburnum odoratissimumJapanese SnowballViburnum plicatumCanary Island ViburnumViburnum rigidumLaurustinusViburnum tinus	American Arborvitae	Thuja occidentalis
Tulip species  Tulipa spp.  Japanese Viburnum  Viburnum japonicum  Viburnum odoratissimum  Viburnum plicatum  Canary Island Viburnum  Viburnum rigidum  Viburnum tinus	Star Jasmine	Trachelospermum asiatum
Japanese ViburnumViburnum japonicumSweet ViburnumViburnum odoratissimumJapanese SnowballViburnum plicatumCanary Island ViburnumViburnum rigidumLaurustinusViburnum tinus	Canada Hemlock	Tsuga canadensis
Sweet Viburnum       Viburnum odoratissimum         Japanese Snowball       Viburnum plicatum         Canary Island Viburnum       Viburnum rigidum         Laurustinus       Viburnum tinus	Tulip species	Tulipa spp.
Japanese SnowballViburnum plicatumCanary Island ViburnumViburnum rigidumLaurustinusViburnum tinus	Japanese Viburnum	Viburnum japonicum
Canary Island Viburnum Viburnum rigidum  Laurustinus Viburnum tinus	Sweet Viburnum	Viburnum odoratissimum
Laurustinus Viburnum tinus	Japanese Snowball	Viburnum plicatum
· · · · · · · · · · · · · · · · · · ·	Canary Island Viburnum	Viburnum rigidum
Cranberry Bush Viburnum trilohium	Laurustinus	Viburnum tinus
Transmission in the second of	Cranberry Bush	Viburnum trilobium

COMMON NAME	SCIENTIFIC NAME		
Leatherleaf Viburnum	Viburnum wrightii		
Vinca	Vinca major		
Dwarf Periwinkle	Vinca minor		
Grape**	Vitis spp.**		
Old Fashioned Weigela	Weigela florida		
Spanish Bayonet	Yucca aloifolia		
Yucca, Adam's Needle	Yucca filamentosa		

TABLE 5: TOLERANT ORNAMENTAL SPECIES*-Vegeta  COMMON NAME	SCIENTIFIC NAME		
Abelia: Sherwood	Abelia grandiflora		
Yarrow: King Edward	Achillea spp.		
	Agapanthus orientalis		
Five-Leaf or Chocolate Vine	Akebia quintata		
Lady's Leek, Nodding Onion	Allium cernuum		
Japanese Anemone	Anemone hybrida		
Aquilegia: Red and Gold	Aquilegia spp.		
Wormwood; Silver Mound, Castle	Artemisia spp.		
Aster: Bonny Blue, Purple Dome	Aster spp.		
	Aster X frikartii		
Lady Fern; Fern Lady	Athyrium filix-femina		
Fibrous Begonia: Hardy Grandis	Begonia spp.		
	Bergenia cordifolia		
Snowbank	Boltonia asteroides		
Bougainvillea	Bougainvillea spp.		
Butterfly-Bush (Dwarf Blue); Royal Red	Buddleia davidii		
Crimson Bottlebrush	Callistemon citrínus		
Tussock Bellflower; (White Clips)	Campanula carpatica		
Trumpet Creeper, Trumpet Flower, Madame Galen	Campis X tagliabuana		
	Ceratostigma plumbaginoides		
	Chrysanthemum nipponicum		
Coreopsis (Calliopsis); Early Sunrise, Moonbeam	Coreopsis spp.		
Lucifer	Crocosmia spp.		
Cooperi Pink	Delosperma spp.		
Larkspur; Blue Elf	Delphinium spp.		
Dianthus, Maiden Pinks 'Zing'	Dianthus deltoides		
Cheddar Pink	Dianthus gratianopolitanus		
Coneflower, Purple; Magnus	Echinacea purpurea		
Weeping Forsythia	Forsythia suspensa		
Gaillardia, Blanket Flower: 'Goblin'	Gaillardia spp.		
	Gaura spp.		
Gentian	Gentiana dahurica		

<sup>\*</sup>Not for use on container or field grown ornamentals.
\*\*Do not use on food producing trees, vines, or plants.
\*\*\*Landscape ornamentals only.

COMMON NAME	SCIENTIFIC NAME		
Cranesbill	Geranium cinereum		
Baby's Breath	Gypsophila repens		
Sunrose	Helianthemum spp.		
Daylily: Aztec Gold, Stella De Oro, Tender Love	Hemerocallis spp.		
Coral Bell; Bridget Bloom	Heucherella spp.		
Mallow, Disco Belle White	Hibiscus spp.		
Hosta, Plantain Lily (Fragrant)	Hosta plantaginea		
Hosta, 'Searsucker'	Hosta sieboldiana		
	Houttuynia cordata var. variegata		
Bigleaf Hydrangea	Hydrangea macrophylla		
	Inula ensifolia		
Sword-Leaved Iris; Jodlesong	Iris ensata		
Siberian Iris; Cabernet	Iris siberica		
Parsoni	Juniperus davurica		
Crape Myrtle; Tuscarora	Lagerstromia indica X fauriei		
Weeping Lantana	Lantana montevidensis		
Lavender, Munstead	Lavender spp.		
Edelweiss	Leontopodium alpinum		
Chinese Privet; Variegata	Ligustrum sinense		
Lily; Jazz	Lilium spp.		
Liriope, Variegated	Liriope muscari var. variegata		
Liriope, Creeping	Liriope spicata		
Cardinal Flower, Indian Pink	Lobelia cardinalis		
Burgundy	Loropetalum chinense		
Loosestrife; Modern Pink	Lythrum spp.		
Yaku Jima, Silberfeder**	Miscanthus sinensis		
Evening Primrose	Oenothera missourensis		
Osmanthus (False Holly): Gulf Tide	Osmanthus heterophyllus		
Tree Peony	Paeonia suffruticosa		
Fountain Grass (Dwarf)**	Pennisetum setaceum		
	Perovskia atriplicifolia		
Dragonhead, False; Vivid	Physostegia virginiana		
Oak, Shumard's Red 44	Quercus Shumardii		
Yedda Hawthorne	Raphiolepsis umbellata		
'Delaware Valley White'	Rhododendron (including Azalea)		
'Flame Creeper'			
'Girard Crimson'			
'George L. Tabor'			
'Wakeiebisu'			
'White Gumpo'	·		
Black-Eyed Susan: Goldstrum	Rudbeckia spp.		
Saxifrage; Purple Dome	Saxifraga spp.		
Pincushion Flower	Scabiosa spp.		
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COMMON NAME	SCIENTIFIC NAME		
Stonecrop; Lidakense	Sedum cauticola		
Stonecrop	Sedum dasyphyllum		
Stonecrop; Dragon's Blood	Sedum spurium		
Spirea: Anthony Waterer	Spiraea bumalda		
Australian Brushcherry	Syzygium paniculatum		
Germander	Teucrium spp.		
Meadow Rue	Thalictrum dipterocarpum		
Veronica, Speedwell; Sunny Border	Veronica spp.		
Arrowood Viburnum	Vibumum suspensum		

<sup>\*</sup>Not for use on container or field grown ornamentals.

# CONIFER AND HARDWOOD SEEDLING NURSERIES (NON-ORNAMENTAL, FORESTRY USE ONLY)-VEGETATION MANAGEMENT-ALLIGARE PRODIAMINE 65 WG HERBICIDE

- 1. Provides residual preemergence weed control in conifer and hardwood seedling nurseries.
- 2. Provides the most effective weed control when the product is activated in the soil by 0.5 inch of irrigation or rainfall before weed seeds germinate and within 14 days after application.
- Should be applied to conifer and hardwood seedling nurseries any time after the soil has settled around newly transplanted seedlings and liners.

SITE	APPLICATION RATE		SITE APPLICAT		TIMING	COMMENTS/INSTRUCTIONS
	LBS./A	OZ./1,000 SQ.FT				
Conifer and Hardwood Seedling Nurseries	1.0-2.3	0.37-0.84	Apply in fall or spring before weed seeds germinate or after weeds are removed.	Use higher rate range for longer control.  More than one application per year is permitted, but do not apply more than 2.3 lbs./A per year.		
Southern Pine Seedbeds	0.75		Just after seeding and/or a minimum of 3 weeks after most seedlings have shed their seedcoat.	To assist in the establishment of Southern pine seedbeds, apply this product preemergence just after seeding pines.  Application after emergence of pine seedlings should not occur until 3 weeks after most seedlings have shed their seedcoat.  Mix this product with clean water and broadcast spray at 20 to 40 psi in a minimum of 20 gals. of water per treated area.  After application, sprinkler irrigate beds with approximately ½ inch of water.		
Hardwood, Seedbeds: Oak (Quercus spp.), Sweetgum, Green Ash	0.75-1.5		When seedlings are at least 6 weeks old (from time of 50% germination)	Use higher rate for longer control and when higher weed pressure is anticipated. The lower rate will provide 2 to 3 months of weed control. Broadcast to beds and apply approximately ½ inch of sprinkler irrigation afterwards.		

## Tank Mixtures-Conifer Seedling Nurseries-Vegetation Management

Alligare Prodiamine 65 WG Herbicide may be tank mixed with other registered herbicides listed on this label to provide a broader spectrum of weed control or to control emerged weeds. Tank mixes with Alligare Prodiamine 65 WG Herbicide are for use only in states where the tank mix partner, application site, and intended use pattern are registered.

Follow the label of the tank mix partner for application rates, timing, weeds controlled, tolerant ornamentals, and specific use precautions and/or restrictions. Before combining the tank mix partner in the spray tank, test compatibility by mixing the products in small container. See the **COMPATIBILITY TEST** section.

# **Tank Mixing and Application-Vegetation Management**

Tank Mix Partner for Alligare Prodiamine 65 WG Herbicide-Conifer Seedling Nurseries

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PRODUCT	PRECAUTIONS/INSTRUCTIONS	
Goal®, Galigan® (use on conifers only)	Mix with Alligare Prodiamine 65 WG Herbicide for postemergence control of	
	certain broadleaf weeds including malva and filaree.	

#### **VEGETATION MANAGEMENT (NON-CROP AREAS)**

May be applied in soil surfaces for preemergence control of many grass and broadleaf weeds.

<sup>\*\*</sup> Landscape ornamentals only.

• Is most effective when activated by at least 0.5 inch rainfall or irrigation, or shallow incorporation before weed seeds germinate and within 14 days after application.

SITE APPLICATION RATE		TIMING	COMMENTS/INSTRUCTIONS	
	LBS./A	OZ./1000 SQ. FT		
NonCrop Areas, Including, ornamentals, on or surrounding managed rights-of-way for transportation systems and utilities (including roadways, roadsides, railways, and equipment yards) Facilities including substations, tank farms, pumping stations, parking and storage areas, and ungrazed fence rows	1.0-2.3	0.36-0.83	Before weed seeds germinate	Use higher rate for longer control. This product may be applied more than once per year but do not apply more than 2.3 lbs./A per year.

Alligare Prodiamine 65 WG Herbicide may be tank mixed with other registered herbicides to provide a broader spectrum of weed control or to control emerged weeds or brush. Tank mixes with Alligare Prodiamine 65 WG Herbicide are for use only in states where the tank mix partner(s) are registered for the application site.

Tank-mix Partners with Alligare Prodiamine 65 WG Herbicide-Vegetation Management

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PRODUCTS	COMMENTS
Touchdown Pro (and glyphosate-based products)	Follow the label(s) of the tank mix partner(s) for application
Gramoxone®, Reward®, Predict®, Princep®, Vanquish®,	rates, timing, weeds controlled, tolerant ornamentals, and
diuron-based products <sup>1</sup> , Finale <sup>®</sup> , Gallery, Garlon <sup>®</sup> , Goal <sup>®</sup> ,	specific use precautions and/or restrictions.
Krovar <sup>®</sup> I and II, Oust <sup>®</sup> , Arsenal <sup>®</sup> , Spike <sup>™</sup> , and Telar <sup>®</sup>	Do not mix Alligare Prodiamine 65 WG Herbicide with any
	product whose label prohibits mixing with another pesticide.

Products with this chemical as the active ingredient and which are labeled for the same use may be used.

# CHEMIGATION INSTRUCTIONS-OVERHEAD SPRINKLER IRRIGATION APPLICATION Use Precautions

- 1. Apply this product only through an overhead sprinkler irrigation system. Do not apply this product through any other type of irrigation system.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water. If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers, or other experts.
- 3. To avoid injury to foliage, make sure foliage is sufficiently wet before application or adequate irrigation is applied after application.
- 4. If sprinkler distribution patterns do not overlap sufficiently, unacceptable weed control may result.
- 5. If sprinkler distribution patterns overlap excessively, injury to leatherleaf ferns may result.
- 6. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to public water systems unless pesticide label-rescribed safety devices for public water systems are in place.
- 7. If necessary, a person knowledgeable of the chemigation system and responsible for its operation, or someone under the supervision of the responsible person, shall shut the system down and make necessary adjustments.

#### **Operation Instructions**

- 1. The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- 2. The pesticide injection pipeline must contain a functional automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.
- 3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6. Systems must use a metering pump such as a positive displacement injection pump (e.g. diaphragm pump) effectively

24/

- designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 7. Do not apply when wind speed favors drift beyond the area intended for treatment.
- 8. Prepare a mixture with a minimum of 20 parts of water to 1 part Alligare Prodiamine 65 WG Herbicide and inject this herbicide suspension mixture into the overhead system. Injecting a larger volume of a more dilute mixture per hour will usually provide more accurate calibration of metering equipment. Maintain sufficient agitation to keep the herbicide in suspension.
- 9. Before injecting Alligare Prodiamine 65 WG Herbicide in to the system, run the irrigation system long enough to wet the foliage, then inject Alligare Prodiamine 65 WG Herbicide suspension mixture in the pesticide supply tank (see number 8 above) in 1 inch of irrigation water. After the application is complete, continue the irrigation until all residues are washed off the foliage.

#### **Application Precautions**

To reduce injury potential:

- Direct application of Alligare Prodiamine 65 WG Herbicide to rapidly growing tissue or buds may injure desirable plants.
  Do not make over-the-top application of Alligare Prodiamine 65 WG Herbicide until after newly formed tissue has hardened off.
- 2. Immediately wash Alligare Prodiamine 65 WG Herbicide from plant surfaces onto soil.
- 3. Do not apply to newly transplanted ferns until after the plants are established and begin to grow.

#### Weeds controlled

COMMON NAME	SCIENTIFIC NAME
Florida Betony	Stachys flordana
Buttercup Oxalis	Oxalis pes-caprae
Crabgrass	Digitaria spp.
Common Vetch	Vicia sativa

Weeds suppressed

COMMON NAME	SCIENTIFIC NAME
Wandering Jew	Zebrian pendual

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container away from fertilizer, feed, or food stuffs

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

#### **CONTAINER DISPOSAL:**

[Plastic Bottle]: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

[Plastic Bag]: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

To the extent consistent with applicable law, upon purchase or use of this product, purchaser and user agree to the following terms:

<u>Warranty:</u> Alligare, LLC (the Company) warrants that this product conforms to the chemical description on the label in all material respects and is reasonably fit for the purpose referred to in the directions for use, subject to the exceptions noted below, which are beyond the Company's control. To the extent consistent with applicable law, the Company makes no other representation or warranty, express or implied, concerning the product, including no implied warranty of merchantability or fitness for a particular purpose. To the extent consistent with applicable law, no such warranty shall be implied by law, and no agent or representative is authorized to make any such warranty on the Company's behalf.

Terms of Sale: The Company's directions for use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, and the manner of use or application (including failure to adhere to label directions), all of which are beyond the Company's control. To the extent consistent with applicable law, all such risks are assumed by the user.

<u>Limitation of Liability:</u> To the extent consistent with applicable law, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damages, and in no event shall damages or any other recovery of any kind exceed the price of the product which caused the alleged loss, damage, injury or other claim. To the extent consistent with applicable law, under no circumstances shall the Company be liable for any special, indirect, incidental or consequential

25/ /25

damages of any kind, including loss of profits or income. Some states do not allow the exclusion or limitation of incidental or consequential damages.

The Company and the seller offer this product, and the purchaser and user accept this product, subject to the foregoing warranty, terms of sale and limitation of liability, which may be varied or modified only by an agreement in writing signed on behalf of the Company by an authorized representative.

Gramoxone®, Pennant®, Predict®, Princep®, Touchdown®, Vanquish® are trademarks of a Syngenta Group Company. Arsenal® is a trademark of BASF Ag Products. Finale® is a trademark of Bayer CropScience. Gallery®, Garlon®, Goal®, Spike™ are trademarks of Dow AgroSciences Krovar®, Oust®, Telar® are trademarks of E.I. duPont de Nemours & Company, Inc. Galigan® is a trademark of Agan Chemical Manufacturers, Ltd.

[EPA approval date]